

**Address**

viale Berti Pichat 6/2 - piano 2
Bologna, 40129

Contact

+39 339 63 88 007
ingratta@bo.infn.it

LANGUAGES

Italian - mother tongue
British English - IELTS certificate
French - A1 (academic certificate)

EDUCATION

09.2018 - 05.2021

University of Bologna, Bologna, Italy

Masters degree in Nuclear and Subnuclear physics
(grade 110/110 cum laude)

09.2015 - 09.2018

University of Bologna, Bologna, Italy

Bachelor degree in Astronomy (grade 108/110)

Gianfranco Ingratta

Github

GianfrancoIngratta

Skype

gianfrancoingratta

EXPERIENCE

09.2021 - present

INFN Bologna - PhD candidate

DUNE experiment

Studies of neutrino interactions in the DUNE Near Detector complex by means of simulation tools officially adopted by the DUNE community.

02.2023 - 09.2023

University of Bologna - Tutor

Thermodynamics

Helping students with exercises

03.2022 - 06.2022

University of Bologna - Teacher Assistant

Software & Computing for nuclear and subnuclear physics.

Basics of machine learning applied to particle physics cases.
Elements of Grid and Cloud Computing.

09.2021 - 11.2021

Laboratori Nazionali Gran Sasso (LNGS) - Fellowship

CUPID and CRESST experiments

Maintenance of the CUORE and CUPID cryostats (with helium refill operations when necessary).

Participation in the extraction of calibration radioactive sources from the cryostat of the CRESST experiment.

Science outreach on LNGS research activities.

AWARDS

- **2022** Best posters at ICHEP 2022 conference

SEMINARS & WORKSHOPS

- **2022** Poster at ICHEP 2022 (Bologna): The SAND detector at the DUNE near site
- **2020** University of Warsaw, Poland Interantional physics tournament

SUMMER SCHOOLS

- **2022 CERN Computing school Krakow**
- **2019 Max Plank Institute for plasma physics**
IPP summer university for fusion reasearch

EVENTS

- **2022** Event organizer and promoter: **Gender gap in astrophysics and natural sciences**

Event held at the Department of Physics and Astronomy at the University of Bologna by researcher Dragana Ilic (University of Hamburg) to raise awareness of the gender gap in the field of natural sciences.

(<https://web.infn.it/aperitiviscientifici/2022/05/27/gender-gap-in-astrophysics-and-natural-sciences/>)